

Golf Ball with High Coefficient of Restitution

Abstract

The present invention is a golf ball that has a coefficient of restitution that is greater than 0.8015 at 143 feet per second, and an USGA initial velocity less than 255.0 feet per second. The golf ball has a solid three-piece golf ball with a polybutadiene core, an ionomer blend intermediate layer, and a thermosetting polyurethane cover, with an aerodynamic surface geometry. The golf ball has an innersphere with a plurality of lattice members interconnected to form a plurality of polygons. Each of the lattice members has apex, such that the golf ball conforms with the USGA's golf ball diameter requirement of 1.680 inches.